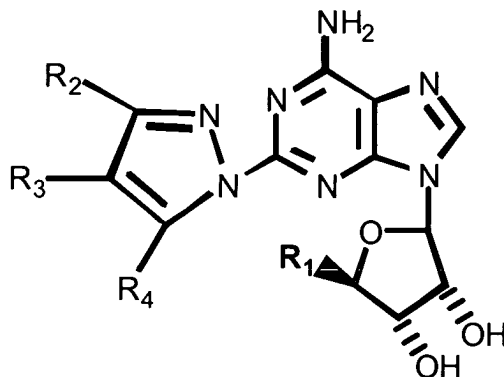


APPENDIX A

Marked-up Claims Pending After Response to Office Action

1. (Once Amended) A compound having the formula:



wherein $R^1 = CH_2OH, -CONR^5R^6$;

R^3 is selected from the group consisting of C_{1-15} -alkyl, halo, NO_2 , CF_3 , CN , OR^{20} , SR^{20} , $N(R^{20})_2$, $S(O)R^{22}$, SO_2R^{22} , $SO_2N(R^{20})_2$, $SO_2NR^{20}COR^{22}$, $SO_2NR^{20}CO_2R^{22}$, $SO_2NR^{20}CON(R^{20})_2$, $N(R^{20})_2NR^{20}COR^{22}$, $NR^{20}CO_2R^{22}$, $NR^{20}CON(R^{20})_2$, $NR^{20}C(NR^{20})NHR^{23}$, COR^{20} , CO_2R^{20} , $CON(R^{20})_2$, $CONR^{20}SO_2R^{22}$, $NR^{20}SO_2R^{22}$, $SO_2NR^{20}CO_2R^{22}$, $OCONR^{20}SO_2R^{22}$, $OC(O)R^{20}$, $C(O)OCH_2OC(O)R^{20}$, and $OCON(R^{20})_2$, $CONR^7R^8$, C_{2-15} -alkenyl, C_{2-15} -alkynyl, heterocycetyl, and aryl, and heteroaryl, wherein the alkyl, alkenyl, alkynyl, aryl, heterocycetyl and heteroaryl substituents are optionally substituted with from 1 to 3 substituents independently selected from the group consisting of halo, alkyl, NO_2 , heterocycetyl, aryl, heteroaryl, CF_3 , CN , and OR^{20} , SR^{20} , $N(R^{20})_2$, $S(O)R^{22}$, SO_2R^{22} , $SO_2N(R^{20})_2$, $SO_2NR^{20}COR^{22}$, $SO_2NR^{20}CO_2R^{22}$, $SO_2NR^{20}CON(R^{20})_2$, $N(R^{20})_2NR^{20}COR^{22}$, $NR^{20}CO_2R^{22}$, $NR^{20}CON(R^{20})_2$, $NR^{20}C(NR^{20})NHR^{23}$, COR^{20} , CO_2R^{20} , $CON(R^{20})_2$, $CONR^{20}SO_2R^{22}$, $NR^{20}SO_2R^{22}$, $SO_2NR^{20}CO_2R^{22}$, $OCONR^{20}SO_2R^{22}$, $OC(O)R^{20}$, $C(O)OCH_2OC(O)R^{20}$, and $OCON(R^{20})_2$ and wherein optional heteroaryl, aryl, and heterocycetyl substituent is optionally substituted with halo, NO_2 , alkyl, CF_3 , amino, mono or dialkylamino, alkyl or aryl or heteroaryl amide, $NCOR^{22}$, $NR^{20}SO_2R^{22}$, COR^{20} , CO_2R^{20} , $CON(R^{20})_2$, $NR^{20}CON(R^{20})_2$, $OC(O)R^{20}$, $OC(O)N(R^{20})_2$, SR^{20} , $S(O)R^{22}$, SO_2R^{22} , $SO_2N(R^{20})_2$, CN , and OR^{20} ;

R^5 and R^6 are each individually selected from H , C_1 - C_{15} -alkyl optionally substituted with from 1 to 2 substituents independently selected from the group consisting of halo, NO_2 ,

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heterocyclyl, aryl, heteroaryl, CF_3 , CN , OR^{20} , SR^{20} , $\text{N}(\text{R}^{20})_2$, $\text{S}(\text{O})\text{R}^{22}$, SO_2R^{22} , $\text{SO}_2\text{N}(\text{R}^{20})_2$, $\text{SO}_2\text{NR}^{20}\text{COR}^{22}$, $\text{SO}_2\text{NR}^{20}\text{CO}_2\text{R}^{22}$, $\text{SO}_2\text{NR}^{20}\text{CON}(\text{R}^{20})_2$, $\text{N}(\text{R}^{20})_2\text{NR}^{20}\text{COR}^{22}$, $\text{NR}^{20}\text{CO}_2\text{R}^{22}$, $\text{NR}^{20}\text{CON}(\text{R}^{20})_2$, $\text{NR}^{20}\text{C}(\text{NR}^{20})\text{NHR}^{23}$, COR^{20} , CO_2R^{20} , $\text{CON}(\text{R}^{20})_2$, $\text{CONR}^{20}\text{SO}_2\text{R}^{22}$, $\text{NR}^{20}\text{SO}_2\text{R}^{22}$, $\text{SO}_2\text{NR}^{20}\text{CO}_2\text{R}^{22}$, $\text{OCONR}^{20}\text{SO}_2\text{R}^{22}$, $\text{OC}(\text{O})\text{R}^{20}$, $\text{C}(\text{O})\text{OCH}_2\text{OC}(\text{O})\text{R}^{20}$, and $\text{OCON}(\text{R}^{20})_2$ and wherein optional heteroaryl, aryl, and heterocyclyl substituent is optionally substituted with halo, NO_2 , alkyl, CF_3 , amino, mono or di-alkylamino, alkyl or aryl or heteroaryl amide, NCOR^{22} , $\text{NR}^{20}\text{SO}_2\text{R}^{22}$, COR^{20} , CO_2R^{20} , $\text{CON}(\text{R}^{20})_2$, $\text{NR}^{20}\text{CON}(\text{R}^{20})_2$, $\text{OC}(\text{O})\text{R}^{20}$, $\text{OC}(\text{O})\text{N}(\text{R}^{20})_2$, SR^{20} , $\text{S}(\text{O})\text{R}^{22}$, SO_2R^{22} , $\text{SO}_2\text{N}(\text{R}^{20})_2$, CN , and OR^{20} ;

R^7 is selected from the group consisting of hydrogen, straight or branched C_{1-15} alkyl, and C_{3-8} cycloalkyl, C_{2-15} -alkenyl, C_{2-15} -alkynyl, heterocyclyl, aryl and heteroaryl, wherein the alkyl, alkenyl, alkynyl, aryl, heterocyclyl and heteroaryl substituents are is optionally substituted with from 1 to 3 substituents independently selected from the group consisting of halo, NO_2 , heterocyclyl, aryl, heteroaryl, CF_3 , CN , OR^{20} , SR^{20} , $\text{N}(\text{R}^{20})_2$, $\text{S}(\text{O})\text{R}^{22}$, SO_2R^{22} , $\text{SO}_2\text{N}(\text{R}^{20})_2$, $\text{SO}_2\text{NR}^{20}\text{COR}^{22}$, $\text{SO}_2\text{NR}^{20}\text{CO}_2\text{R}^{22}$, $\text{SO}_2\text{NR}^{20}\text{CON}(\text{R}^{20})_2$, $\text{N}(\text{R}^{20})_2\text{NR}^{20}\text{COR}^{22}$, $\text{NR}^{20}\text{CO}_2\text{R}^{22}$, $\text{NR}^{20}\text{CON}(\text{R}^{20})_2$, $\text{NR}^{20}\text{C}(\text{NR}^{20})\text{NHR}^{23}$, COR^{20} , and CO_2R^{20} , $\text{CON}(\text{R}^{20})_2$, $\text{CONR}^{20}\text{SO}_2\text{R}^{22}$, $\text{NR}^{20}\text{SO}_2\text{R}^{22}$, $\text{SO}_2\text{NR}^{20}\text{CO}_2\text{R}^{22}$, $\text{OCONR}^{20}\text{SO}_2\text{R}^{22}$, $\text{OC}(\text{O})\text{R}^{20}$, $\text{C}(\text{O})\text{OCH}_2\text{OC}(\text{O})\text{R}^{20}$ and $\text{OCON}(\text{R}^{20})_2$ and wherein the optional heteroaryl, aryl and heterocyclyl substituent is optionally substituted with halo, NO_2 , alkyl, CF_3 , amino, mono or di-alkylamino, alkyl or aryl or heteroaryl amide, NCOR^{22} , $\text{NR}^{20}\text{SO}_2\text{R}^{22}$, COR^{20} , CO_2R^{20} , $\text{CON}(\text{R}^{20})_2$, $\text{NR}^{20}\text{CON}(\text{R}^{20})_2$, $\text{OC}(\text{O})\text{R}^{20}$, $\text{OC}(\text{O})\text{N}(\text{R}^{20})_2$, SR^{20} , $\text{S}(\text{O})\text{R}^{22}$, SO_2R^{22} , $\text{SO}_2\text{N}(\text{R}^{20})_2$, CN , and OR^{20} ;

R^8 is selected from the group consisting of hydrogen, straight or branched C_{1-15} alkyl, and C_{3-8} cycloalkyl, C_{2-15} -alkenyl, C_{2-15} -alkynyl, heterocyclyl, aryl, and heteroaryl, wherein the alkyl, alkenyl, alkynyl, aryl, heterocyclyl, and heteroaryl substituents are optionally substituted with from 1 to 3 substituents independently selected from the group consisting of halo, NO_2 , heterocyclyl, aryl, heteroaryl, CF_3 , CN , OR^{20} , SR^{20} , $\text{N}(\text{R}^{20})_2$, $\text{S}(\text{O})\text{R}^{22}$, SO_2R^{22} , $\text{SO}_2\text{N}(\text{R}^{20})_2$, $\text{SO}_2\text{NR}^{20}\text{COR}^{22}$, $\text{SO}_2\text{NR}^{20}\text{CO}_2\text{R}^{22}$, $\text{SO}_2\text{NR}^{20}\text{CON}(\text{R}^{20})_2$, $\text{N}(\text{R}^{20})_2\text{NR}^{20}\text{COR}^{22}$, $\text{NR}^{20}\text{CO}_2\text{R}^{22}$, $\text{NR}^{20}\text{CON}(\text{R}^{20})_2$, $\text{NR}^{20}\text{C}(\text{NR}^{20})\text{NHR}^{23}$, COR^{20} , CO_2R^{20} , $\text{CON}(\text{R}^{20})_2$, $\text{CONR}^{20}\text{SO}_2\text{R}^{22}$, $\text{NR}^{20}\text{SO}_2\text{R}^{22}$, $\text{SO}_2\text{NR}^{20}\text{CO}_2\text{R}^{22}$, $\text{OCONR}^{20}\text{SO}_2\text{R}^{22}$, $\text{OC}(\text{O})\text{R}^{20}$, $\text{C}(\text{O})\text{OCH}_2\text{OC}(\text{O})\text{R}^{20}$, and $\text{OCON}(\text{R}^{20})_2$ and wherein each optional heteroaryl, aryl, and heterocyclyl substituent is optionally substituted with halo, NO_2 , alkyl, CF_3 , amino, mono or di-alkylamino, alkyl or aryl

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or heteroaryl amide, NCOR^{22} , $\text{NR}^{20}\text{SO}_2\text{R}^{22}$, COR^{20} , CO_2R^{20} , $\text{CON}(\text{R}^{20})_2$, $\text{NR}^{20}\text{CON}(\text{R}^{20})_2$, $\text{OC}(\text{O})\text{R}^{20}$, $\text{OC}(\text{O})\text{N}(\text{R}^{20})_2$, SR^{20} , $\text{S}(\text{O})\text{R}^{22}$, SO_2R^{22} , $\text{SO}_2\text{N}(\text{R}^{20})_2$, CN , and OR^{20} ;

R^{20} is selected from the group consisting of ~~H hydrogen~~, ~~and~~ C_{1-15} alkyl, C_{2-15} alkenyl, C_{2-15} alkynyl, heterocyclyl, aryl, and heteroaryl, wherein the alkyl, alkenyl, alkynyl, heterocyclyl, aryl, and heteroaryl substituents are optionally substituted with from 1 to 3 substituents independently selected from halo, alkyl, mono or dialkylamino, alkyl or aryl or heteroaryl amide, CN , $\text{O}-\text{C}_{1-6}$ alkyl, CF_3 , aryl, and heteroaryl;

R^{22} is selected from the group consisting of C_{1-15} alkyl, C_{2-15} alkenyl, C_{2-15} alkynyl, heterocyclyl, aryl, and heteroaryl, wherein the alkyl, alkenyl, alkynyl, heterocyclyl, aryl, and heteroaryl substituents are optionally substituted with from 1 to 3 substituents independently selected from halo, alkyl, mono or dialkylamino, alkyl or aryl or heteroaryl amide, CN , $\text{O}-\text{C}_{1-6}$ alkyl, CF_3 , aryl, and heteroaryl; and

wherein R^2 and R^4 are selected from the group consisting of ~~H hydrogen~~, C_{1-6} alkyl and aryl optionally substituted with halo, CN , CF_3 , OR^{20} and $\text{N}(\text{R}^{20})_2$, with the proviso that when R^2 is not hydrogen then R^4 is hydrogen, and when R^4 is not hydrogen then R^2 is hydrogen.

2. (Once Amended) The compound of claim 1 wherein R^3 is selected from the group consisting of C_{1-15} alkyl, halo, CF_3 , CN , OR^{20} , SR^{20} , $\text{S}(\text{O})\text{R}^{22}$, SO_2R^{22} , $\text{SO}_2\text{N}(\text{R}^{20})_2$, COR^{20} , CO_2R^{20} ; and CONR^7R^8 , aryl and heteroaryl wherein the alkyl, aryl and heteroaryl substituents are optionally substituted with from 1 to 3 substituents independently selected from the group consisting of halo, aryl, heteroaryl, CF_3 , CN , OR^{20} , SR^{20} , $\text{S}(\text{O})\text{R}^{22}$, SO_2R^{22} , $\text{SO}_2\text{N}(\text{R}^{20})_2$, COR^{20} , CO_2R^{20} and $\text{CON}(\text{R}^{20})_2$, and wherein each optional heteroaryl and aryl substituent is optionally substituted with halo, alkyl, CF_3 , CN , and OR^{20} ;

R^5 and R^6 are each individually selected from the group consisting of ~~H~~, and C_1-C_{15} alkyl optionally substituted with one aryl substituent that is optionally substituted with halo or CF_3 ;

R^7 is selected from the group consisting of C_{1-15} alkyl, C_{2-15} alkynyl, aryl, and heteroaryl, wherein the alkyl, alkynyl, aryl, and heteroaryl substituents are optionally substituted with from 1 to 3 substituents independently selected from the group consisting of halo, aryl, heteroaryl, CF_3 , CN , and OR^{20} , and wherein each optional heteroaryl and aryl substituent is optionally substituted with halo, alkyl, CF_3 , CN , and OR^{20} ;

R^8 is selected from the group consisting of hydrogen and C_{1-15} alkyl;

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R^{20} is selected from the group consisting of H, hydrogen and C_{1-4} alkyl and aryl, wherein the alkyl and aryl substituents are optionally substituted with one alkyl substituent; and

R^{22} is selected from the group consisting of C_{1-4} alkyl and aryl, wherein the alkyl and aryl substituents are optionally substituted with from 1 to 3 alkyl groups.

3. (Once Amended) The compound of claim 1 wherein R^3 is selected from the group consisting of C_{1-15} alkyl, halo, CF_3 , CN, OR^{20} , CO_2R^{20} , $CONR^7R^8$, aryl and heteroaryl, wherein the alkyl, aryl and heteroaryl substituents are optionally substituted with from 1 to 3 substituents independently selected from the group consisting of halo, alkyl, aryl, CF_3 , CN, OR^{20} , CO_2R^{20} or $CON(R^{20})_2$, and wherein each optional heteroaryl and aryl substituent is optionally substituted with halo, alkyl, CF_3 , CN, and OR^{20} ;

R^5 and R^6 are each individually selected from hydrogen and C_{1-6} alkyl;

R^7 is selected from the group consisting of hydrogen, straight or branched C_{1-10} alkyl, aryl, and C_{3-5} cycloalkylheteroaryl, wherein the alkyl, aryl and heteroaryl substituents are is optionally substituted with from 1 to 2 substituents independently selected from the group consisting of halo, aryl, heteroaryl, CF_3 , CN, and CO_2OR^{20} , and wherein each optional heteroaryl and aryl substituent is optionally substituted with halo, alkyl, CF_3 , CN, and OR^{20} ;

R^8 is selected from the group consisting of hydrogen, straight and branched C_{1-15-3} alkyl and C_{3-5} cycloalkyl; and

R^{20} is selected from the group consisting of hydrogen and C_{1-4} alkyl.

4. (Once Amended) The compound of claim 1 wherein R^3 is selected from the group consisting of C_{1-10} , alkyl, halo, CF_3 , CN, CO_2R^{20} , $CONR^7R^8$, aryl, and heteroaryl wherein the alkyl, aryl and heteroaryl substituents are is optionally substituted with from 1 to 3 substituents independently selected from the group consisting of halo, alkyl, CF_3 , CN, and OR^{20} and $CON(R^{20})_2$; and

R^5 and R^6 are each individually selected from hydrogen and C_{1-6} alkyl;

R^7 is selected from the group consisting of C_{1-10} alkyl, aryl, and heteroaryl, wherein the alkyl, aryl and heteroaryl substituents are optionally substituted with from 1 to 2 substituents independently selected from the group consisting of halo, aryl, heteroaryl, CF_3 , CN, OR^{20} and wherein each optional heteroaryl and aryl substituent is optionally substituted with halo, alkyl,

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~~CF₃-CN, and OR²⁰;~~

~~R⁸ is selected from hydrogen and C₁₋₅-alkyl; and~~

~~R²⁰ is selected from hydrogen and the group consisting of C₁₋₄ alkyl.~~

5. (Once Amended) The compound of claim 1-2 wherein R³ is selected from the group consisting of C₁₋₁₀-alkyl, halo, CF₃, CN, OR²⁰, CO₂R²⁰, CONR⁷R⁸ and aryl; wherein the alkyl and aryl substituents are optionally substituted with from 1 to 3 substituents independently selected from the group consisting of halo, alkyl, CF₃, CN, OR²⁰ and CON(R²⁰)₂;

~~R⁵ and R⁶ are each individually selected from hydrogen and C₁₋₆;~~

~~R⁷ is selected from the group consisting of C₁₋₁₀-alkyl, aryl, and heteroaryl, where the alkyl, aryl and heteroaryl substituents are optionally substituted with from 1 to 2 substituents independently selected from the group consisting of halo, aryl, heteroaryl, CF₃, CN, OR²⁰ and wherein each optional heteroaryl and aryl substituent is optionally substituted with halo, alkyl, CF₃-CN, and OR²⁰;~~

~~R⁸ is selected from hydrogen and C₁₋₅-alkyl; and~~

~~R²⁰ is selected from the group consisting of hydrogen and C₁₋₄ alkyl.~~

6. (Once Amended) The compound of claim 1-3 wherein R⁺ = CH₂OH;

~~R³ is selected from the group consisting of CO₂R²⁰, CONR⁷R⁸ and aryl; wherein the aryl substituent is optionally substituted with from 1 to 3 substituents independently selected from the group consisting of halo, C₁₋₆-alkyl, CF₃, CN, OR²⁰, and CON(R²⁰)₂;~~

~~R⁷ is selected from the group consisting of hydrogen, C₁₋₁₀₋₃-alkyl and arylcyclopentyl, wherein the alkyl and aryl substituents are is optionally substituted with from 1 to 2 substituents, independently selected from the group consisting of halo, aryl phenyl and CO₂R²⁰, CF₃, CN, OR²⁰ and wherein each optional aryl-phenyl substituent is optionally substituted with halo, alkyl, CF₃-CN, and OR²⁰;~~

~~R⁸ is selected from hydrogen and C₁₋₅-alkyl methyl; and~~

~~R²⁰ is selected from hydrogen and C₁₋₄-alkylethyl.~~

7. (Once Amended) The compound of claim 1-4 wherein R⁺ = CH₂OH;

~~R³ is selected from the group consisting of CO₂R²⁰, CONR⁷R⁸ and aryl, wherein the~~

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aryl substituent -is phenyl optionally substituted with from 1 to 2 substituents independently selected from the group consisting of halochloro, C₁₋₆ alkylmethyl, CF₃ and OR²⁰;

~~R⁷ is selected from the group consisting of hydrogen, and C₁₋₈ alkyl, wherein the alkyl substituent is optionally substituted with one substituent selected from aryl, CF₃, CN, and OR²⁰ and wherein each optional aryl substituent is optionally substituted with halo, alkyl, CF₃, CN, or OR²⁰;~~

~~R⁸ is selected from hydrogen and C₁₋₈ alkyl; and~~

~~R²⁰ is selected from hydrogen and C₁₋₄ alkyl methyl.~~

8. —The compound of claim 1 wherein R¹ = CH₂OH;

~~R³ is selected from the group consisting of CO₂R²⁰, CONR⁷R⁸, and aryl that is optionally substituted with from 1 to 2 substituents independently selected from the group of halo, C₁₋₃ alkyl, CF₃ and OR²⁰;~~

~~R⁷ is selected from the group consisting of hydrogen, and C₁₋₅ alkyl, wherein the alkyl substituent is optionally substituted with aryl, and wherein each optional aryl substituent is optionally substituted with halo, alkyl, CF₃;~~

~~R⁸ is selected from hydrogen and C₁₋₃ alkyl; and~~

~~R²⁰ is selected from hydrogen and C₁₋₄ alkyl.~~

9. —The compound of claim 1 wherein R¹ = CH₂OH;

~~R³ is selected from the group consisting of CO₂R²⁰, CONR⁷R⁸, and aryl that is optionally substituted with one substituent selected from the group of halo, C₁₋₃ alkyl, and OR²⁰;~~

~~R⁷ is selected from the group consisting of hydrogen, and C₁₋₅ alkyl, wherein the alkyl substituent is optionally substituted with aryl, and wherein each optional aryl substituent is optionally substituted with halo;~~

~~R⁸ is hydrogen; and~~

~~R²⁰ is selected from hydrogen and C₁₋₄ alkyl.~~

10. —The compound of claim 1 wherein R¹ = CH₂OH;

~~R³ is selected from the group consisting of CO₂R²⁰, CONR⁷R⁸, and aryl that is optionally substituted with one substituent selected from halo, C₁₋₃ alkyl and OR²⁰;~~

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R^7 is selected from the group consisting of hydrogen, and C_{1-5} -alkyl, wherein the alkyl substituent is optionally substituted with aryl, and wherein each optional aryl substituent is optionally substituted with halo;

R^8 is hydrogen; and

R^{20} is selected from hydrogen and C_{1-4} -alkyl.

11. — The compound of claim 10 wherein R^7 is a methyl.

12. — The compound of claim 10 wherein R_3 is CO_2Et .

13. — The compound of claim 1 wherein $R^1 = CONHEt$;

R^3 is selected from the group consisting of CO_2R^{20} , $CONR^7R^8$, and aryl; that is optionally substituted with from 1 to 3 substituents independently selected from the group consisting of halo, C_{1-6} -alkyl, CF_3 , CN, OR^{20} , and $CON(R^{20})_2$;

R^7 is selected from the group consisting of hydrogen, C_{1-10} -alkyl and aryl, wherein the alkyl and aryl substituents are optionally substituted with from 1 to 2 substituents independently selected from the group consisting of halo, aryl, CF_3 , CN, and OR^{20} and wherein each optional aryl substituent is optionally substituted with halo, alkyl, CF_3 , CN, and OR^{20} ;

R^8 is selected from hydrogen, and C_{1-15} -alkyl; and

R^{20} is selected from hydrogen, and C_{1-4} -alkyl.

14. — The compound of claim 1 wherein $R^1 = CONHEt$;

R^3 is selected from the group consisting of CO_2R^{20} , $CONR^7R^8$, aryl that is optionally substituted with from 1 to 2 substituents independently selected from the group consisting of halo, C_{1-6} -alkyl, CF_3 and OR^{20} ;

R^7 is selected from the group consisting of hydrogen, C_{1-8} -alkyl, and aryl, wherein the alkyl and aryl substituents are optionally substituted with one substituent selected from the group consisting of halo, aryl, CF_3 , CN, OR^{20} and each optional aryl substituent is optionally substituted with halo, alkyl, CF_3 , CN, and OR^{20} ;

R^8 is selected from hydrogen, and C_{1-8} -alkyl; and

R^{20} is selected from hydrogen, and C_{1-4} -alkyl.

15. — The compound of claim 1 wherein $R^1 = CONHEt$;

R^3 is selected from the group consisting of CO_2R^{20} , $CONR^7R^8$, and aryl that is optionally substituted with from 1 to 2 substituents independently selected from the group consisting of halo, C_{1-3} -alkyl, CF_3 and OR^{20} ;

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~~R⁷ is selected from the group consisting of hydrogen, and C₁₋₅-alkyl, wherein the alkyl substituent is optionally substituted with aryl, and wherein each optional aryl substituent is optionally substituted with halo, alkyl, CF₃;~~

~~R⁸ is selected from hydrogen, and C₁₋₃-alkyl; and~~

~~R²⁰ is selected from hydrogen, and C₁₋₄-alkyl.~~

~~16. The compound of claim 1 wherein R⁺ = CONHET;~~

~~R³ is selected from the group consisting of CO₂R²⁰, CONR⁷R⁸, and aryl that is optionally substituted with one substituent selected from halo, C₁₋₃ alkyl and OR²⁰;~~

~~R⁷ is selected from the group consisting of hydrogen, and C₁₋₅-alkyl, wherein the alkyl substituent is optionally substituted with aryl, and wherein each optional aryl substituent is optionally substituted with halo;~~

~~R⁸ is hydrogen; and~~

~~R²⁰ is selected from hydrogen, and C₁₋₄-alkyl.~~

~~17. The compound of claim 1 wherein R⁺ = CONHET;~~

~~R³ is selected from the group consisting of CO₂R²⁰, CONR⁷R⁸, and aryl that is optionally substituted with one substituent selected from halo, C₁₋₃ alkyl and OR²⁰;~~

~~R⁷ is selected from hydrogen, and C₁₋₃-alkyl;~~

~~R⁸ is hydrogen; and~~

~~R²⁰ is selected from hydrogen, and C₁₋₄-alkyl.~~

~~18. The compound of claim 10 where R⁺ is CONHET~~

~~19. (Once Amended) A The compound matter of claim 1 wherein the compound is selected from the group consisting of~~

~~ethyl 1-{9-[(4S,2R,3R,5R)-3,4-dihydroxy-5-(hydroxymethyl)oxolan-2-yl]-6-aminopurin-2-yl}pyrazole-4-carboxylate;~~

~~(4S,2R,3R,5R)-2-{6-amino-2-[4-(4-chlorophenyl)-pyrazolyl]purin-9-yl}-5-(hydroxymethyl)oxolane-3,4-diol;~~

~~(4S,2R,3R,5R)-2-{6-amino-2-[4-(4-methoxyphenyl)pyrazolyl]purin-9-yl}-5-(hydroxymethyl)oxolane-3,4-diol;~~

~~(4S,2R,3R,5R)-2-{6-amino-2-[4-(4-methylphenyl)pyrazolyl]purin-9-yl}-5-(hydroxymethyl)-oxolane-3,4-diol;~~

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(1-{9-[(4S,2R,3R,5R)-3,4-dihydroxy-5-(hydroxymethyl)oxolan-2-yl]-6-aminopurin-2-yl}pyrazol-4-yl)-N-methylcarboxamide;_;

1-{9-[(4S,2R,3R,5R)-3,4-dihydroxy-5-(hydroxymethyl)oxolan-2-yl]-6-aminopurin-2-yl}pyrazole-4-carboxylic acid;_;

(1-{9-[(4S,2R,3R,5R)-3,4-dihydroxy-5-(hydroxymethyl)oxolan-2-yl]-6-aminopurin-2-yl}pyrazol-4-yl)-N,N-dimethylcarboxamide;_;

(1-{9-[(4S,2R,3R,5R)-3,4-dihydroxy-5-(hydroxymethyl)oxolan-2-yl]-6-aminopurin-2-yl}pyrazol-4-yl)-N-ethylcarboxamide;_;

1-{9-[(4S,2R,3R,5R)-3,4-dihydroxy-5-(hydroxymethyl)oxolan-2-yl]-6-aminopurin-2-yl}pyrazole-4-carboxamide;_;

1-{9-[(4S,2R,3R,5R)-3,4-dihydroxy-5-(hydroxymethyl)oxolan-2-yl]-6-aminopurin-2-yl}pyrazol-4-yl)-N-(cyclopentylmethyl)carboxamide;_;

(1-{9-[(4S,2R, 3R,5R)-3,4-dihydroxy-5-(hydroxymethyl)oxolan-2-yl]-6-aminopurin-2-yl}pyrazol-4-yl)-N-[(4-chlorophenyl)methyl]carboxamide, and

Ethyl 2-[(1-{9-[(4S,2R, 3R,5R)-3,4-dihydroxy-5-(hydroxymethyl)oxolan-2-yl]-6-aminopurin-2-yl}pyrazol-4-yl)carbonylamino]acetate, ~~and mixtures thereof.~~

20. (Once Amended) A method for stimulating coronary vasodilatation in a mammal by administering ~~to the mammal by intravenous bolus injection a therapeutically effective amount~~ an amount of a compound of claim 1 that is sufficient to stress the heart and induce a coronary steal situation for the purposes of imaging the heart.

21. ~~The method of claim 20 wherein the therapeutically effective amount ranges from about 0.01 to about 100 mg/kg weight of the mammal.~~

22. The method of claim 20 wherein the mammal is a human.

23. (Once Amended) A pharmaceutical composition comprising ~~the~~ a compound of claim 1 and one or more pharmaceutical excipients;_;

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24. The pharmaceutical composition of claim 23 wherein the pharmaceutical composition is in the form of a solution.

25. (Once Amended) The pharmaceutical composition of claim 23 ~~wherein the composition is useful as an~~ for the treatment of anti-inflammatory inflammation, in adjunctive therapy with angioplasty, ~~as a platelet aggregation inhibitor, and as an inhibitor of platelet and neutrophil activation.~~

26. (New) The compound of claim 19 wherein the compound is 1-{9-[(4S,2R,3R,5R)-3,4-dihydroxy-5-(hydroxymethyl)oxolan-2-yl]-6-aminopurin-2-yl}pyrazol-4-yl)-N-methylcarboxamide.

27. (New) The compound of claim 19 wherein the compound is 1-{9-[(4S,2R,3R,5R)-3,4-dihydroxy-5-(hydroxymethyl)oxolan-2-yl]-6-aminopurin-2-yl}pyrazol-4-yl)-N-(cyclopentyl)carboxamide.

28. (New) The compound of claim 19 wherein the compound is 1-{9-[(4S,2R,3R,5R)-3,4-dihydroxy-5(hydroxymethyl)oxolan-2-yl]-6-aminopurin-2-yl}pyrazol-4-yl)-N-ethylcarboxamide.

29. (New) A method of dilating the coronary vessels of a mammal, as an adjunct to angioplasty, with the pharmaceutical composition of claim 23.

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